| FORM PTO-1390 -final: | U.S. DEPARTM | RCE PATENT AND TRADEMARK OFFICE | ATTORNEY' KET NUMBER2491-49 |
| :---: | :---: | :---: | :---: |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 |  |  | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/506,903 |
| INTERNATIONA PCT | LICATION NO. /01293 | INTERNATIONAL FILING DATE 07 March 2003 | PRIORITY DATE CLAIMED 07 March 2002 |
| TITLE OF INVENTION |  |  |  |

## APPLICANT(S) FOR DO/EO/US

## SVANBORG, C. et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. $\square$ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371 .
2. $\boxtimes$ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371 .
3. $\square$

This is an express request to begin national examination procedures ( 35 U.S.C. $371(\mathrm{f})$ ). The submission must include items (5), (6), (9) and (21) indicated below.
4. $\square$ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
a. $\square$ is attached hereto ( pages specification, claims \& abstract ( claims), sheets drawings).
b. $\quad \square$ has been communicated by the International Bureau.
c. $\square$ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. $\quad \square \quad$ An English language translation
a. $\quad \square$ of the International Application as filed (35 U.S.C. $371(\mathrm{c})(2)$ ) is attached hereto ( $\quad$ pages specification, claims \& abstract ( claims), sheets drawings, page Certificate of Translation).
b. $\square$ of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).
7. $\square$ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
a. $\quad \square$ are attached hereto (required only if not communicated by the International Bureau).
b. $\quad \square$ have been communicated by the International Bureau.
c. $\quad \square$ have not been made; however, the time limit for making such amendments has NOT expired.
d. $\quad \square$ have not been made and will not be made.
8. $\square$ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. a. $\boxtimes$ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
b. $\square$ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration ( page

Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
10. See item 6.b. above.

Items 11 To 20 below concern document(s) or information included:
11. $\square$ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. $\square$ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. $\square$ A FIRST preliminary amendment.
14. $\square$ A SECOND or SUBSEQUENT preliminary amendment.
15. $\square$ A substitute specification.
16. $\square$ A change of power of attorney and/or address letter.
17. $\square$ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter. 2 and 37 CFR 1.821-1.825.
18. $\square$ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.
$\square$ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. $\boxtimes$ Other items or information. Correspondence Address Indication Form

| U.S. APPLICATION NO. If known, see 37 C.F.R. 1.s,10/506,903 |  |  | TERNATIONAL APPLICATION NO. PCT/RB03/01293 |  |  |  | $\begin{aligned} & \hline 0 \mathrm{CKE} \\ & \hline 1-49 \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21. $\square$ The following fees are submitted: |  |  |  |  |  | CALCULATIONS PTO USE ONLY |  |  |  |
| BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): <br> -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ........................ $\$ 1110.00$ <br> -. International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.................... $\$ 950.00$ <br> -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO. $\qquad$ .$\$ 790.00$ <br> -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4). $\qquad$ $\$ 750.00$ <br> -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).. $\qquad$ . 100.00 |  |  |  |  |  |  |  |  |  |
|  |  |  | ER APPROPRIAT | SIC | AMOUNT = | \$ |  |  |  |
| Surcharge of $\$ 130.00$ for furnishing the oath or declaration later than $\square 20 \quad \square 30$ months from the earliest claimed priority date (37 C.F.R. 1.492(e)). |  |  |  |  |  | \$ | 0.00 |  |  |
| CLAIMS |  | R FILED | NUMBER EXTRA |  | TE |  |  |  |  |
| Total Claims | 0 | minus 20= | 0 | X | \$18.00 | \$ | 0.00 |  |  |
| Independent Claims | 0 | minus 3 = | 0 | X | \$88.00 |  | 0.00 |  |  |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable) <br> Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) ( $\$ 110.00 / 1$ month; $\$ 430.00 / 2$ months; $\$ 980.00 / 3$ months |  |  |  |  |  | \$ | 0.00 |  |  |
|  |  |  |  |  |  | \$ | 0.00 |  |  |
| TOTAL OF ABOVE CALCULATIONS $=$ |  |  |  |  |  | \$ | 0.00 |  |  |
| $\square$ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $1 / 2$. |  |  |  |  |  |  | 0.00 |  |  |
| SUBTOTAL = |  |  |  |  |  | \$ | 0.00 |  |  |
| Processing fee of $\$ 130.00$, for furnishing the English Translation later than $\square 20 \square 30$ months from the earliest claimed priority date (37 C.F.R. 1.492(f)). |  |  |  |  |  |  | 0.00 |  |  |
| TOTAL NATIONAL FEE = |  |  |  |  |  | \$ | 0.00 |  |  |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). $\$ 40.00$ per property |  |  |  |  |  | \$ | 0.00 |  |  |
| Fee for Petition to Revive Unintentionally Abandoned Application (\$1370.00 - Small Entity = \$685.00) |  |  |  |  |  | \$ | 0.00 |  |  |
| TOTAL FEES ENCLOSED $=$ |  |  |  |  |  | \$ | 0.00 |  |  |
|  |  |  |  |  |  | Amount to be: refunded |  | \$ |  |
|  |  |  |  |  |  |  |  |  |  |

a. $\quad \square$ A check in the amount of $\$ 0.00$ to cover the above fees is enclosed.
b. $\square$ Please charge my Deposit Account No. 14-1140 in the amount of $\$$ $\qquad$ to cover the above fees. A duplicate copy of this form is enclosed.
c. $\boxtimes$ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
d. $\square$ CREDIT CARD PAYMENT FORM ATTACHED.
e. $\boxtimes$ The entire content of International Application No. PCT/IB03/01293 and any U.S. and foreign application(s) corresponding thereto, and GB 0205347.8, referred to in this application is/are hereby incorporated by reference in this application.
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.
CORRESPONDENCE ADDRESS
Direct all correspondence to:

## இ Customer Number:

## 23117

Type Customer Number here

| 36,663 |  |
| :--- | :--- |
| REGISTRATION NUMBER | Date |
| Damember 8,2004 |  |

